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## (54)Ozone water production apparatus

Provided is an ozone water production apparatus capable of easily continuously obtaining ozone water having a high concentration by a water electrolytic process using a noble metal electrode which has been considered to have a low ozone generation efficiency without using a lead compound. An ozone water production apparatus in which an anode electrode and a cathode electrode to which a DC voltage is applied are put upon one surface and the other surface, respectively, of a solid electrolytic film, and water supplied to the anode electrode side is subjected to electrolysis to obtain ozone water, wherein a wire net made of noble metal having an ozone generation catalyst function is used as the anode electrode, and a lath net made of corrosion resistant metal is put upon the outer surface side of the anode electrode, the anode electrode and the lath net being sealed into a jacket having a water inlet on one end and an ozone water outlet on the other end thereof.



## **EUROPEAN SEARCH REPORT**

Application Number EP 95 30 8054

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